Aircraft movements statistics

Transport Canada   **TP 1496**

ASCSB287

Aircraft Movement Statistics March 2003 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers. Historical issues of this bulletin for months prior to 2002 are available on-line at *http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm*

In March 2003, the 42 Canadian airports with NAV CANADA air traffic control towers reported 363,214 total movements, an increase of 0.1% compared to March 2002 (362,693 movements). Though hardly a significant increase, this marks the first month with a positive change in year-over-year comparisons since September 2002. Prior to that, the last positive change was recorded in December 2001. It is still early to evaluate the impact of the War in Iraq and the SARS outbreak, both beginning in March 2003. Over half (22) of the airports showed increases in total aircraft movements for March 2003 compared to a year earlier. The increases ranged from 65.3% at St-Jean to 1.1% at Prince George. Of the 20 airports showing year-over-year decreases, only one airport recorded a decrease of more than 20% compared to eleven airports in February 2003.

Overall, the increase in March 2003 was due to a rise (0.5% or 1,195 movements) in itinerant movements (flights from one airport to another). Local movements (flights that remain in the vicinity of the airport) recorded a slight decline (0.6% or 674 movements).

Among the top ten airports in terms of volumes of itinerant movements, Toronto/LB Pearson recorded the largest gain in volume of itinerant movements, increasing by 1,322 movements (4.4%). Victoria International reported the largest decline in volume, down 954 itinerant movements (-12.9%).

Among the top ten airports in terms of local movements, Montréal/St-Hubert and London recorded the largest gains, rising 2,247 (38.1%) and 1,152 (24.2%) local movements, respectively. Waterloo Regional and Victoria International recorded the largest declines, dropping 1,452 (-22.6%) and 998 (-15.9%) local movements, respectively.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 reports are available (free) on-line at *http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm*

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: *aviationstatistics@statcan.ca*

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Aircraft Movement by Class of Operation - March - Preliminary, Airports with NAV CANADA Towers

Airports	2002 Total	2003 Total	% change 2003 / 2002	2003 Itinerant	2003 Local
Abbotsford	13,065	11,135	-14.8	4,779	6,356
Boundary Bay	14,742	13,134	-10.9	4,312	8,822
Calgary International	17,769	18,081	1.8	17,933	148
Calgary/Springbank	9,189	10,665	16.1	4,621	6,044
Chicoutimi/St-Honoré	6,095	5,035	-17.4	1,711	3,324
Edmonton City Centre	7,640	7,905	3.5	6,963	942
Edmonton International	8,489	9,817	15.6	8,480	1,337
Edmonton/Villeneuve	7,252	6,461	-10.9	1,269	5,192
Gander International	2,726	3,659	34.2	2,153	1,506
Halifax International	6,378	6,757	5.9	6,011	746
Hamilton	7,276	7,612	4.6	4,294	3,318
Kelowna	5,221	6,871	31.6	4,420	2,451
Langley	6,080	5,340	-12.2	1,358	3,982
London	9,675	10,992	13.6	5,078	5,914
Moncton/Greater Moncton Intl	6,650	5,427	-18.4	3,382	2,045
Montréal/Dorval International	14,841	15,850	6.8	15,850	0
Montréal/Mirabel International	3,347	3,285	-1.9	2,761	524
Montréal/St-Hubert	11,799	14,312	21.3	6,170	8,142
Oshawa	6,060	5,048	-16.7	2,112	2,936
Ottawa/Macdonald-Cartier International	13,244	12,639	-4.6	9,936	2,703
Pitt Meadows	6,807	5,919	-13.0	2,459	3,460
Prince George	3,458	3,496	1.1	2,142	1,354
Québec/Jean Lesage International	10,541	10,476	-0.6	6,836	3,640
Regina Intl	4,908	5,223	6.4	3,221	2,002
Saskatoon/JG Diefenbaker	7,467	7,129	-4.5	4,565	2,564
Sault Ste. Marie	4,086	5,205	27.4	2,385	2,820
St. John's	4,591	4,983	8.5	3,519	1,464
St-Jean	948	1,567	65.3	837	730
Sudbury	4,297	4,671	8.7	2,473	2,198
Thunder Bay	8,008	8,342	4.2	4,324	4,018
Toronto/Buttonville Municipal	10,942	10,202	-6.8	5,379	4,823
Toronto/City Centre	8,589	7,857	-8.5	3,471	4,386
Toronto/LB Pearson International	30,336	31,658	4.4	31,658	0
Vancouver Harbour	4,434	5,957	34.3	4,469	1,488
Vancouver International	22,802	22,748	-0.2	22,748	0
Victoria International	13,694	11,742	-14.3	6,452	5,290
Waterloo Regional	10,769	8,692	-19.3	3,728	4,964
Whitehorse	2,074	1,330	-35.9	927	403
Windsor	2,773	3,136	13.1	1,780	1,356
Winnipeg International	12,664	12,268	-3.1	10,564	1,704
Winnipeg/St. Andrews	7,180	6,415	-10.7	1,691	4,724
Yellowknife	3,787	4,173	10.2	3,078	1,095
Total (42)	**362,693**	**363,214**	**0.1**	**242,299**	**120,915**

Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units with an "Air Traffic Designators" handbook (TP-143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. Data errors caused during transcription and transmission on the NAV CANADA Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents. The data in the bank include registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

. not available for any reference period

.. not available for a specific reference period

... not applicable

p preliminary

r revised

x suppressed to meet the confidentiality requirements of the *Statistics Act*

E use with caution

F too unreliable to be published

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